UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,992,172 B1
APPLICATION NO. : 09/710239
DATED : January 31, 2006
INVENTOR(S) : Robert C. Chang et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 97, line 10, replace the text beginning with "What is claimed is:" to and ending with "of a uniform molecular weight." in column 100, line 7, with the following:

-- What is claimed is:

1. A recombinant human gelatin of a molecular weight selected from the group consisting of about 1 kDa, about 5 kDa, about 8 kDa, about 9 kDa, about 10 kDa, about 14 kDa, about 16 kDa, about 18 kDa, about 20 kDa, about 22 kDa, about 23 kDa, about 29 kDa, about 33 kDa, about 36 kDa, about 41 kDa, about 44 kDa, about 50 kDa, and about 65 kDa.

2. A recombinant human gelatin of a molecular weight range selected from the group consisting of about 1 to 50 kDa, about 50 to 100 kDa, about 100 to 150 kDa, about 150 to 200 kDa, about 200 to 250 kDa, about 250 to 300 kDa, and about 300 to 350 kDa.

3. A recombinant gelatin composition consisting essentially of recombinant gelatin polypeptides of a uniform molecular weight, wherein the uniform molecular weight is greater than 300 kDa.

4. A recombinant human gelatin of a Bloom strength selected from the group consisting of 50, 100, 150, 200, 250, and 300.

5. A recombinant human gelatin of a Bloom strength of between 0 and 100.

6. A recombinant gelatin having a percentage hydroxylation selected from the group consisting of greater than 0% to 20%, 20 to 80%, and 80 to 100%.

7. A recombinant gelatin composition consisting essentially of recombinant human gelatin polypeptides of a uniform molecular weight.

8. A recombinant gelatin comprising the amino acid sequence of SEQ ID NO:18.

9. A recombinant gelatin comprising the amino acid sequence of SEQ ID NO:29.

10. An encapsulant comprising a recombinant human gelatin.

11. A stabilizing agent comprising a recombinant human gelatin.

12. A film-forming agent comprising a recombinant human gelatin.

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continued from previous page:

13. An emulsifier comprising a recombinant human gelatin.

14. A thickening agent comprising a recombinant human gelatin.

15. A colloidal agent comprising a recombinant human gelatin.

16. A hard gel capsule comprising a recombinant human gelatin.

17. A soft gel capsule comprising a recombinant human gelatin.

18. A plasma expander comprising a recombinant human gelatin.

19. A colloidal volume replacement material comprising a recombinant human gelatin.

20. A medical sponge comprising a recombinant human gelatin.

21. A pharmaceutical stabilizer comprising a recombinant human gelatin.

22. The pharmaceutical stabilizer of claim 21, wherein the pharmaceutical stabilizer is a vaccine stabilizer.

23. A microcarrier comprising a recombinant human gelatin.

24. An edible composition comprising a recombinant human gelatin.

25. A protein supplement comprising a recombinant human gelatin.

26. A fat substitute comprising a recombinant human gelatin.

27. A nutritional supplement comprising a recombinant human gelatin.

28. An edible coating comprising a recombinant human gelatin.

29. A photographic composition comprising a recombinant human gelatin.

30. A cosmetic composition comprising a recombinant human gelatin.

31. An industrial composition comprising a recombinant human gelatin.

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continued from previous page:

32. A cell culture composition comprising a recombinant human gelatin.

33. A recombinant human gelatin of a molecular weight range selected from the group consisting of about 10 to 30 kDa, about 30 to 50 kDa, and about 50 to 70 kDa.

34. A recombinant human gelatin of a molecular weight range selected from the group consisting of about l0 to 70 kDa, about 150 to 250 kDa, and about 250 to 350 kDa.

35. A recombinant gelatin having a percentage hydroxylation selected from the group consisting of 20 to 40%, 40 to 60%, and 60 to 80%.

36. A recombinant gelatin having a percentage hydroxylation selected from the group consisting of 20 to 30%, 30 to 40%, and 40 to 80%.

37. A recombinant gelatin having a percentage hydroxylation of 30 to 80%.

38. A recombinant gelatin having a percentage hydroxylation of 20 to 60%.

39. A recombinant gelatin having a percentage hydroxylation of 30 to 60%.

40. A recombinant gelatin having a percentage hydroxylation selected from the group consisting of greater than 0% to 20%, 20 to 80%, and 80 to 100%, and further wherein the hydroxylation is proline hydroxylation.

41. A recombinant human gelatin produced directly by expression of a polynucleotide sequence that contains at least one collagenous domain and that does not encode naturally occurring collagen.

42. A pharmaceutical composition comprising a recombinant gelatin and a pharmaceutically acceptable excipient, wherein the recombinant gelatin consists of recombinant human gelatin polypeptides of a uniform molecular weight.

43. A pharmaceutical composition comprising a non-hydroxylated recombinant human gelatin and a pharmaceutically acceptable excipient.

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continued from previous page:

44. A pharmaceutical composition comprising a recombinant gelatin and a pharmaceutically acceptable excipient, wherein the recombinant gelatin has a percentage hydroxylation selected from the group consisting of greater than 0% to 20%, 20 to 80%, and 80 to 100%.

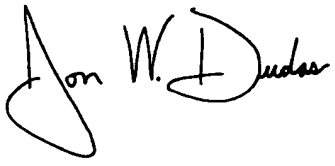
45. The pharmaceutical composition of claim 44, wherein the hydroxylation is proline hydroxylation.

46. A pharmaceutical composition comprising a recombinant human gelatin and a pharmaceutically acceptable excipient, wherein the recombinant human gelatin is produced directly by expression of a polynucleotide sequence that contains at least one collagenous domain and that does not encode naturally occurring collagen.

47. A recombinant gelatin consisting of recombinant human gelatin polypeptides of a uniform molecular weight. --

Signed and Sealed this

Twenty-sixth Day of December, 2006



JON W. DUDAS
Director of the United States Patent and Trademark Office